



VIII CONGRESO DE ACHE

Spanish Association for
Structural Engineering

ABOUT ACHE

The Spanish Association for Structural Engineering (**ACHE**) is a non-profit, public interest organization. Its declared goals are to promote progress in the field of structures for civil engineering and building, and to channel the presence of Spanish actors in similar international associations.

To that end, **ACHE** involves in research, teaching, science outreach, lifelong learning and pre-standardization. **ACHE** publishes technical monographs, edits the journal *Hormigón y Acero* three times a year and manages a website with vast technical contents. The International Conference on Structures (held every three years) and various technical conferences stand out as the main events organized by the Association.

ACHE has hundreds of members, among which engineers, architects, chemists and other related professionals, who generously participate in technical commissions and over 25 active task groups developing scientific documents on relevant aspects of structural engineering, which are then distributed to all of our associates.

ACHE AND CONFERENCE ADMINISTRATION

Escuela Técnica Superior de Ingenieros de Caminos, Canales y Puertos
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Santander

June 24-26, 2020

INTERNATIONAL CONFERENCE ON STRUCTURES

First call for papers

INTRODUCTION

The VIII International Conference of the Spanish Association for Structural Engineering (**ACHE**) will take place on June 2020. It is an excellent international meeting for professionals and specialists from the field of structural engineering, with a high technical level as proven by the result of previous editions.

The main goal of this International Conference on Structures is twofold. First, to report on progress, studies and realizations recently achieved in the field of building and engineering structures, both civil and industrial. Second, to present the activities of our Association to our members, friends and the general public, to whom **ACHE** devotes its service through non-profit distribution of technical information

The current situation is marked by internationalization and competitiveness. In this context, there is a vital need for technological innovation and the exchange of experiences and viewpoints between professionals and researchers in the fields of building and civil engineering; this is what the Conference intends to enable through different panels and debates that will run parallel to presentations.

To promote once again the participation of junior engineers and architects, **ACHE** will reduce their inscription fees. Students, for whom the Conference means a fantastic formative activity, will also enjoy discounts and the opportunity to take part in the structural contest which will be announced at a later moment; the prize ceremony will be part of the event.

The venue chosen for this edition is Santander, a city open to the sea that has become nowadays as one of Europe's most prominent smart cities. Together with its traditional hospitality and its numerous cultural activities, this makes the capital of the Cantabria region, in the north of Spain, a privileged meeting spot.

CONFERENCE TOPICS

ACHE invites everyone interested to participate in the sessions, debates and activities which will be proposed in the final programme, and to present communications on any of the Conference topics:

- Materials (cement-based, metallic, textile, wood, glass, ceramics, polymers, advanced alloys...)
- Design and calculation of all kinds of structures
- Structure technology
- Architectural structures and envelopes
- Construction engineering
- Structural Health Monitoring
- Repair and retrofit of structures
- Widening of structures
- Management of structural systems
- Art, aesthetics and structures
- History of structures and structural engineering
- Engineering and Society
- Education on Structural Engineering
- Sustainability and life cycle of structures
- Innovation and technology transfer between industry and research centers

Commercial Exhibition

Industrial representatives are welcome to present their innovations and advances in the commercial exhibition which will take place in parallel to the Conference, with various possibilities to reach their markets:

- Stands placed between conference rooms
- Rooms for technical sessions
- Computer rooms for software product presentations
- Structural laboratories for real life testing and demos

COMMUNICATIONS

Abstracts

The deadline for abstract submissions will be May 31, 2019. Guidelines for authors can be found on the website www.CongresoACHE.com.

On June 30, 2019 the Scientific Committee will notify authors whether their abstract has been accepted as it is or changes should be introduced.

Full papers

Deadline for submission of full-length papers will be October 31, 2019. Specific formatting rules will soon be available for download from the Conference website.

Before January 31, 2020 paper acceptances, rejections and modifications as required by the Scientific Committee will be notified, together with formatting instructions for Conference presentations. Authors will be notified of definitive acceptance before February 28, 2020.

Both abstracts and full papers can be written in English or Spanish.

Publication

The scientific journal *Hormigón y Acero* will publish a special issue containing the accepted abstracts. For the abstract to be published, at least one of the authors has to be registered for the Conference before April 30, 2020. Full papers will be published in open format on the journal website, www.hormigonyacero.com.

Additionally, the Scientific Committee will select the best communications shown during the Conference to be published as an article in regular issues of the *Hormigón y Acero* journal. These articles will also be available in open format through www.hormigonyacero.com.

Conference language

Abstracts, full papers and public presentations can be in Spanish or English. There will be no simultaneous interpreting service during the Conference.

ORGANIZATION

Organizing Committee Chairman

Oscar Ramón Ramos-Gutiérrez

Members

Juan Jesús Álvarez-Andrés	Miguel Ortega-Cornejo
Juan Carlos Arroyo-Portero	Fátima Otero-Viéitez
Carlos Bajo-Pavía	Ignacio Payá-Zaforteza
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Fernando Martínez-Abella	Carlos Thomas-García
José Luis Moura-Berodia	Leonardo Todisco
Eva Oller-Ibars	

Scientific Committee Chairman

Carlos Thomas-García

Secretary General

Héctor Bernardo-Gutiérrez

VENUE AND DATES

From June 24 to June 26, 2020
School of Civil Engineering
(E. T. S. de Ingenieros de Caminos
Canales y Puertos de Santander)
University of Cantabria
Avda. de los Castros, 44
39005 – Santander – SPAIN

ANNUAL ACHE ASSEMBLY

The Annual ACHE Assembly will take place during the celebration of the Conference. The official announcement will be published within the usual time periods.

www.CongresoACHE.com

